CENTRAL INTELLIGENCE AGENCY
WASHINGTON, D.C. 20505

EXS-70-73
25 October 1973

MEMORANDUM FOR: Mr. Sol Polansky
Acting Director, Office of Soviet and
Eastern European Exchanges
Department of State

ATTN : Mr. Raymond Pardon

SUBJECT : US-USSR Cooperation in the Field of Metrology and Standardization

REF : a. Record of the First Meeting of the US-USSR Joint Working Group on Scientific and Technical Cooperation in the Fields of Metrology and Standardization September 7 - 14, 1973

b. Memorandum to Director, SES, from Acting Chairman, IIAGE Subject US-USSR Cooperation in Standards and Standardization under the US-USSR Scientific and Technological Bilateral dated 14 September 1973

1. Two proposals advanced by the Soviets call for technical cooperation in: 1) testing methods for integrated circuits (Appendix 2; Section II-3); and 2) computer-aided design (Appendix 3; Section IV-2; Sub-item (c).

2. These proposals deal with sensitive areas of technology under embargo and, if pursued, could involve the transfer of advanced and strategically important technology to the USSR without any corresponding gain to the US. In both areas the US is the world leader and the Soviets are relatively backward. Both are fundamental to the development and production of advanced types of electronic components and hardware for military and civil application. An exchange in these areas could result in the acquisition of technology that has been consistently denied the Soviets through legitimate channels.

3. All sub-topics under IV (Joint efforts on problems associated with the use of electronic computers in the field of standardization and metrology) are of interest to us. Because the USSR lags behind the US in practical accomplishment in all the problems to be addressed, it stands to gain the most from the joint efforts and

APPROVED FOR RELEASE
DATE: JUN 2004
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